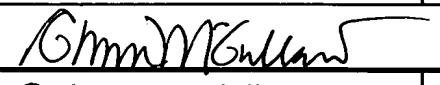


U.S. PRO
659815
09/11/00

UTILITY PATENT APPLICATION TRANSMITTAL <small>For new nonprovisional applications under 37 CFR 1.53(b)</small>		Attorney Docket No.	197106US2RD
		First Inventor or Application Identifier	Hiroshi HATTORI, et al.
		Title	OBSTACLE DETECTION SYSTEM AND METHOD THEREFOR

09/11/00

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents</small>		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification Total Pages 114</p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) Total Sheets 21</p> <p>4. <input type="checkbox"/> Oath or Declaration Total Pages []</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. §1.63(d)) <i>(for continuation/divisional with box 15 completed)</i></p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b).</small></p> <p>5. <input type="checkbox"/> Incorporation By Reference <i>(usable if box 4B is checked)</i> <small>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4B, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</small></p>		ACCOMPANYING APPLICATION PARTS <ul style="list-style-type: none"> 6. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 7. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney 8. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 9. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 10. <input type="checkbox"/> Preliminary Amendment 11. <input checked="" type="checkbox"/> White Advance Serial No. Postcard 12. <input type="checkbox"/> Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application. Status still proper and desired. 13. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 14. <input checked="" type="checkbox"/> Other: Notice of Priority, List of Inventors' Names and Addresses 	
<p>15. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application no.: _____</p> <p>Prior application information: Examiner: _____ Group Art Unit: _____</p>			
<p>16. Amend the specification by inserting before the first line the sentence:</p> <p><input type="checkbox"/> This application is a <input type="checkbox"/> Continuation <input type="checkbox"/> Division <input type="checkbox"/> Continuation-in-part (CIP) Filed on _____</p> <p><input type="checkbox"/> This application claims priority of provisional application Serial No. _____ Filed _____</p>			
<p>17. CORRESPONDENCE ADDRESS</p> <p style="text-align: center;"></p> <p style="text-align: center;">22850 (703) 413-3000 FACSIMILE: (703) 413-2220</p>			

Name:	Marvin J. Spivak	Registration No.:	24,913
Signature:			Date: 9/11/00
Name:	C. Irvin McClelland	Registration No.:	

Registration Number 21,124

Docket No. 197106US2RD

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Hiroshi HATTORI, et al.

SERIAL NO: New Application

FILING DATE: Herewith

FOR: OBSTACLE DETECTION SYSTEM AND METHOD THEREFOR

jc813 U.S. PTO
09/659815
09/11/00

FEES TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	38 - 20 =	18	× \$18 =	\$324.00
INDEPENDENT CLAIMS	10 - 3 =	7	× \$78 =	\$546.00
■ MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$260 =	\$260.00
■ LATE FILING OF DECLARATION			+ \$130 =	\$130.00
			BASIC FEE	\$690.00
			TOTAL OF ABOVE CALCULATIONS	\$1,950.00
<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
<input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
<input type="checkbox"/> RECORDATION OF ASSIGNMENT			+ \$40 =	\$0.00
			TOTAL	\$1,950.00

- Please charge Deposit Account No. 15-0030 in the amount of A duplicate copy of this sheet is enclosed.
- A check in the amount of \$1,950.00 to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030.
A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Date: 9/11/00


Marvin J. Spivak
Registration No. 24,913

C. Irvin McClelland
Registration Number 21,124



22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 11/98)

Docket No. 197106US2RD

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Hiroshi HATTORI, et al.

FILING DATE: Herewith

FOR: OBSTACLE DETECTION SYSTEM AND METHOD THEREFOR

LIST OF INVENTORS' NAMES AND ADDRESSES

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Listed below are the names and addresses of the inventors for the above-identified patent application.

Hiroshi HATTORI	Tokyo, Japan
Kazunori ONOGUCHI	Tokyo, Japan
Nobuyuki TAKEDA	Tokyo, Japan

A declaration containing all the necessary information will be submitted at a later date.

Respectfully Submitted,

OBLOON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Marvin J. Spivak

Registration No. 24,913

C. Irvin McClelland
Registration Number 21,124



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jc813 U.S. PRO
09/659815
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Hiroshi HATTORI, et al.

GAU:

SERIAL NO: New Application

EXAMINER:

FILED: Herewith

FOR: OBSTACLE DETECTION SYSTEM AND METHOD THEREFOR

REQUEST FOR PRIORITY

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

- Full benefit of the filing date of U.S. Application Serial Number, filed, is claimed pursuant to the provisions of **35 U.S.C. §120**.
- Full benefit of the filing date of U.S. Provisional Application Serial Number , filed , is claimed pursuant to the provisions of **35 U.S.C. §119(e)**.
- Applicants claim any right to priority from any earlier filed applications to which they may be entitled pursuant to the provisions of **35 U.S.C. §119**, as noted below.

In the matter of the above-identified application for patent, notice is hereby given that the applicants claim as priority:

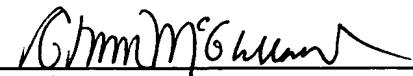
COUNTRY	APPLICATION NUMBER	MONTH/DAY/YEAR
Japan	11-255459	September 9, 1999
Japan	11-272577	September 27, 1999
Japan	2000-100784	April 3, 2000
Japan	2000-159177	March 31, 2000

Certified copies of the corresponding Convention Application(s)

- are submitted herewith
- will be submitted prior to payment of the Final Fee
- were filed in prior application Serial No. filed
- were submitted to the International Bureau in PCT Application Number .
Receipt of the certified copies by the International Bureau in a timely manner under PCT Rule 17.1(a) has been acknowledged as evidenced by the attached PCT/IB/304.
- (A) Application Serial No.(s) were filed in prior application Serial No. filed ; and
- (B) Application Serial No.(s)
 - are submitted herewith
 - will be submitted prior to payment of the Final Fee

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Marvin J. Spivak
Registration No. 24,913

C. Irvin McClelland
Registration Number 21,124



22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 10/98)